

Message Text

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PAGE 01 STATE 040488
ORIGIN OES-06

INFO OCT-01 EUR-12 ISO-00 CIAE-00 INR-07 NSAE-00 /026 R

DRAFTED BY OES/APT/SEP:ASHELDON:GEM
APPROVED BY OES/APT/SEP:RGMORRIS
EUR/SOV:WVEALE (SUBS.)
OES/APT/SEP:DCRAMER

-----232126 017346 /67

P 232057Z FEB 77
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW PRIORITY

UNCLAS STATE 040488

E.O. 11652: N/A

TAGS: TGEN, US, UR

SUBJECT: S&T: ELECTROMETALLURGY: ELECTRON-BEAM EVAPORATION
(01.0303)

REF: STATE 20368, STATE 15084, MOSCOW 427

1. REQUEST EMBASSY TRANSMIT FOLLOWING PROMISE LETTER TO
MOVCHAN, WITH COPIES TO ANTONOV, GLEBOV AND ZARODOV.

2. 01.0303 - FEBRUARY 22, 1977

DR. B. A. MOVCHAN
E. O. PATON ELECTRIC WELDING INSTITUTE
KIEV-GSP 150
GORKY STREET 69, U.S.S.R.

DEAR DR. MOVCHAN:

DR. HUGH SMITH, INDUSTRIAL VACUUM ENGINEERING, IN
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PREPARING POWER EQUIPMENT FOR VISIT OF SOVIET SPECIALISTS
TO TEST ELECTRON BEAM GUNS FINDS THAT THE FOLLOWING
INFORMATION IS LACKING AND IS NECESSARY BEFORE HE CAN
BUILD THE EQUIPMENT:

A) DETAILS OF GUN MOUNTING:
MOUNTING FLANGE SIZE, BOLT HOLE PATTERN, GASKETING

DETAIL., CLEARANCES REQUIRED AROUND GUN.

B) GUN CHAMBER:

SIZE, PUMPING CAPACITY REQUIRED AND NUMBER OF FEED-
THROUGHS REQUIRED FOR WATER, HIGH VOLTAGE POWER AND
MAGNET POWER.

C) HIGH VOLTAGE POWER REQUIREMENTS, OPERATING VOLTAGE.

D) GUN EMITTER VOLTAGE AND CURRENT REQUIREMENTS.

E) NUMBER OF FOCUSING MAGNETS AND POWER REQUIREMENTS
FOR THEM.

F) REQUIREMENT FOR MAGNET SWEEP POWER SUPPLY.

BECAUSE OF THE ABOVE LACK OF SOVIET INFORMATION,
EQUIPMENT CANNOT BE READY FOR VISIT BEGINNING MARCH 13
OF SOVIET SPECIALISTS. VISIT SHOULD THEREFORE BE
POSTPONED. A NEW DATE WILL BE PROPOSED AFTER RECEIPT OF
ABOVE INFORMATION.

SINCERELY,

N. E. PROMISEL
U.S. CHAIRMAN, WORKING GROUP
ON ELECTROMETALLURGY

CC:
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DR. ANTONOV
MR. GLEBOV
MR. ZARODOV.
VANCE

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: PUBLIC CORRESPONDENCE, SCIENTIFIC VISITS, METALLURGY
Control Number: n/a
Copy: SINGLE
Sent Date: 23-Feb-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE040488
Document Source: CORE
Document Unique ID: 00
Drafter: ASHELDON:GEM
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770063-0216
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770216/aaaaaolk.tel
Line Count: 101
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: f91d61c0-c288-dd11-92da-001cc4696bcc
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Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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SAS ID: 3249785
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Subject: S&T: ELECTROMETALLURGY: ELECTRON-BEAM EVAPORATION (01.0303)
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